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# Product datasheet

## L 58 W/840

LUMILUX T8 | Tubular fluorescent lamps 26 mm, with G13 bases



- Public buildings Office lighting Industry Shops  
Supermarkets and department stores Street lighting  
Outdoor applications only in suitable luminaires

- Proven lamp technology Good economy thanks to high efficiency Available in many different light colors (2,700...8,000 K) for various applications



## Product datasheet

### Technical data

#### Electrical data

Nominal wattage	58.00 W
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body
Rated wattage	58.00 W

#### Photometrical data

Rated lamp efficacy (standard condition)	90 lm/W
Color rendering index Ra	$\geq 77$
Rated luminous flux	5200 lm
Luminous flux at	5200 lm
Light color	740
Rated color temperature	4000 K
Nominal luminous flux	5200 lm
Light color (designation)	LUMILUX Cool White
Rated LLMF at 2,000 h	0.96
Rated LLMF at 4,000 h	0.94
Rated LLMF at 6,000 h	0.93
Rated LLMF at 8,000 h	0.91
Rated LLMF at 12,000 h	0.91
Rated LLMF at 16,000 h	0.90
Rated LLMF at 20,000 h	0.89
Color temperature	4000 K
Luminous flux	5200 lm

#### Dimensions & weight



Tube diameter	26 mm
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## Product datasheet

Length	1500 mm
Length with base excl. base pins/connection	1500.00 mm
Diameter	26.0 mm
Product weight	184.00 g
Outer bulb	T26
Maximum diameter	26.0 mm

### Temperatures & operating conditions

Rated ambient temp.w.max.luminous flux	25.0 °C
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### Lifespan

Service life	18000 h <sup>1)</sup>
Lifespan	20000 h <sup>1)</sup>
Rated lamp survival factor at 2,000 h	0.99
Rated lamp survival factor at 4,000 h	0.99
Rated lamp survival factor at 6,000 h	0.99
Rated lamp survival factor at 8,000 h	0.99
Rated lamp survival factor at 12,000 h	0.99
Rated lamp survival factor at 16,000 h	0.99
Rated lamp survival factor at 20,000 h	0.50
Operation mode LLMF/LSF	HF
Rated lamp life time	20000 h

<sup>1)</sup> With preheat ECG

### Additional product data

Base (standard designation)	G13
Mercury content	2.5 mg
Appropriate disposal acc. to WEEE	Yes

### Capabilities

Dimmable	Yes
Suitable for indoor	Yes

### Certificates & standards

Energy efficiency class	A
Energy consumption	68 kWh/1000h

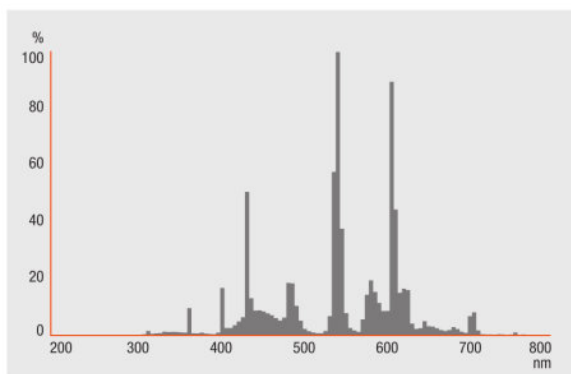
### Country specific categorizations

Order reference	L 58W/840
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## Product datasheet

### Light Distribution

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FL\_840

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### System guarantee

OSRAM System+ Guarantee in combination with OSRAM ECGs

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DUO CIRCUIT

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### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
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## Product datasheet

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4050300517957	L 58 W/840	Shipping carton box	142 mm x 145 mm x	31.75 dm <sup>3</sup>	6520.00 g
		25 Pieces Sleeves	1542 mm		

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The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

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### References / Links

For more information on the system guarantee and the terms and conditions of the guarantee visit

- ▶ [www.osram.com/system-guarantee](http://www.osram.com/system-guarantee)

For more information on QUICKTRONIC electronic control gear go to

- ▶ [www.osram.com/QUICKTRONIC](http://www.osram.com/QUICKTRONIC)

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### Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

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**OSRAM**

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## L 58 W/840

LUMILUX T8 | Tubular fluorescent lamps 26 mm, with G13 bases

Product name	Product name ECG	EAN	Nominal current	Nominal wattage + Power loss	Power factor $\lambda$ [PIM]	Luminous flux at 35 °C
L 58 W/840	QT-FIT 5/8 1x54-58	4008321873828	0.24 A	54.00 W	0.98	5000 lm
	QT-FIT 5/8 2x54-58	4008321873842	0.48 A	107.00 W	0.98	5000 lm
	QT-FIT8 1x58-70	4008321294227	0.24 A	54.00 W	0.96	5000 lm
	QT-FIT8 2x58	4008321294289				
	QT-FIT8 2x58-70	4052899151932	0.48 A	109.00 W	0.98	5000 lm
	QTi 1x28/54/35/49 GII	4008321383358	0.24 A	55.00 W	0.99	5000 lm
	QTi 2x28/54/35/49 GII	4008321383419	0.47 A	109.00 W	0.99	5000 lm
	QTi DALI 1x58 DIM	4050300870823	0.25 A	56.00 W	0.99	5000 lm
	QTi DALI 2x58 DIM	4050300870847	0.47 A	108.00 W	0.99	5000 lm
	QTP-OPTIMAL 1x54-58	4008321873729	0.25 A	54.00 W	0.98	5000 lm
QTP-OPTIMAL 2x54-58	4008321880253	0.49 A	112.00 W	0.99	5000 lm	

Product name	Product name ECG	EAN	Number of lighting outlets
L 58 W/840	QT-FIT 5/8 1x54-58	4008321873828	1
	QT-FIT 5/8 2x54-58	4008321873842	2
	QT-FIT8 1x58-70	4008321294227	1
	QT-FIT8 2x58	4008321294289	

## Product datasheet

Product name	Product name ECG	EAN	Number of lighting outlets
	QT-FIT8 2x58-70	4052899151932	2
	QTi 1x28/54/35/49 GII	4008321383358	1
	QTi 2x28/54/35/49 GII	4008321383419	2
	QTi DALI 1x58 DIM	4050300870823	1
	QTi DALI 2x58 DIM	4050300870847	2
	QTP-OPTIMAL 1x54-58	4008321873729	1
	QTP-OPTIMAL 2x54-58	4008321880253	2